

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L566 1332-62108 - Splitter Box

Sample No: LH0236718

Oil Type: GEAR OIL SAE 80W90



SAMPLE INFORMATION

Sample Number	LH0236718	LH0231327	LH0207524	---
Sample Date	11 Jan 2023	29 Sep 2022	21 Apr 2022	---
Machine Hours	0	3484	1494	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	ABNORMAL	ATTENTION	ABNORMAL	---

ALTER SCRAP
1640 BRUCE STREET
MILWAUKEE, WI
US 53227
Contact: JEFF KOENIGS



OIL CONDITION

Visc @ 40°C	cSt	● 123	● 109	● 185	---
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T: 541-8700
F: (414)541-1892



CONTAMINATION

Water	%	● 0.181	---	---	---
Silicon	ppm	● <1	● 1	● 1	---
Sodium	ppm	● 0	● 0	● 6	---
Potassium	ppm	● 0	● 2	● 2	---

Diagnosis

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. All component wear rates are normal. There is a light concentration of water present in the oil. No other contaminants were detected in the oil. The condition of the oil is suitable for further service.



WEAR METALS

Iron	ppm	● 14	● 61	● 123	---
Copper	ppm	● <1	● 2	● 2	---
Lead	ppm	● 0	● 0	● 0	---
Tin	ppm	● 0	● 0	● <1	---
Aluminum	ppm	● <1	● <1	● 1	---
Chromium	ppm	● <1	● <1	● <1	---
Molybdenum	ppm	● 2	● 11	● <1	---
Nickel	ppm	● 0	● 0	● 2	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	● <1	● <1	● 5	---
Vanadium	ppm	0	0	0	---



ADDITIVES

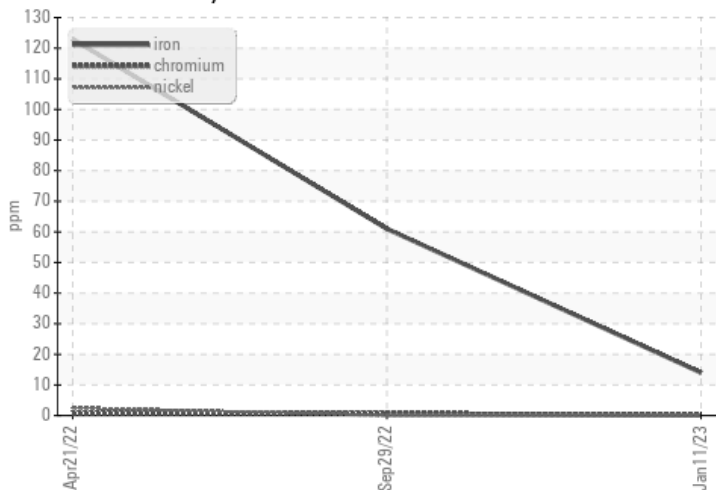
Calcium	ppm	● 52	● 170	● 27	---
Magnesium	ppm	● 11	● 66	● 10	---
Zinc	ppm	● 35	● 127	● 59	---
Phosphorus	ppm	● 743	● 999	● 2038	---
Barium	ppm	● 0	● <1	● 11	---
Boron	ppm	● 15	● 57	● 7	---

Depot: ALTMILWI
Unique No: 10299434
Signed: System
Report Date: 02 Oct 2023

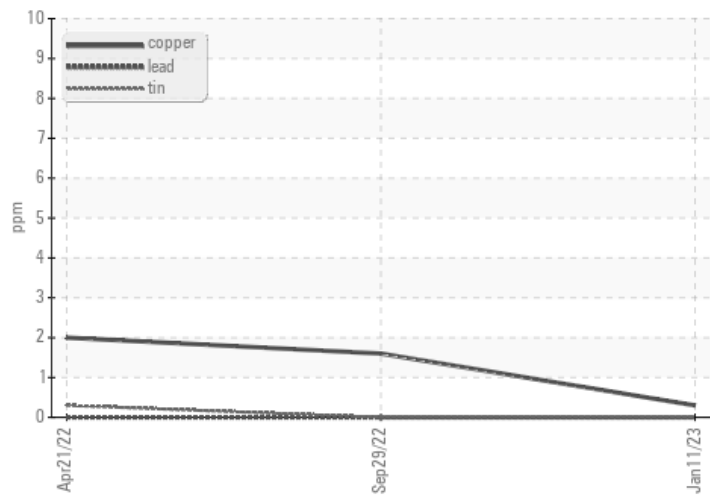


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

